

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
 Data File : BN002052.D
 Acq On : 16 Jul 2018 17:28
 Operator : JU/SJ
 Sample : J3986-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1C1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	54	rVB	117607	174615	1.03%	0.052%
2	6.881	655	662	675	rBV	2274457	3771083	22.21%	1.118%
3	7.046	683	690	699	rBV	1923565	2959402	17.43%	0.877%
4	7.134	699	705	715	rVV	1162653	1771051	10.43%	0.525%
5	7.240	715	723	734	rVB	2302432	3668206	21.61%	1.087%
6	7.593	775	783	794	rVB	3047226	4808260	28.32%	1.425%
7	7.705	794	802	812	rBV	1661861	2659735	15.67%	0.788%
8	8.228	885	891	897	rBV	785921	1930067	11.37%	0.572%
9	8.281	897	900	908	rVB	476362	755343	4.45%	0.224%
10	8.410	915	922	927	rBV	2940312	4830187	28.45%	1.432%
11	8.469	927	932	951	rVB	4474885	7178974	42.29%	2.128%
12	8.769	975	983	990	rBV	3617746	6055318	35.67%	1.795%
13	8.852	990	997	1001	rVV	2254565	3908625	23.03%	1.159%
14	8.899	1001	1005	1020	rVB	1332067	2245122	13.23%	0.666%
15	9.569	1111	1119	1121	rBV	1961023	3154009	18.58%	0.935%
16	9.599	1121	1124	1130	rVV	2412246	3912680	23.05%	1.160%
17	9.663	1130	1135	1160	rVB	2681941	4854736	28.60%	1.439%
18	9.899	1167	1175	1187	rBV	1557300	2443106	14.39%	0.724%
19	10.104	1202	1210	1213	rBV	3006870	5657847	33.33%	1.677%
20	10.346	1241	1251	1258	rBV	2535902	4202138	24.75%	1.246%
21	10.481	1266	1274	1281	rBV	2579105	4232533	24.93%	1.255%
22	10.640	1288	1301	1323	rBV2	5707953	14582361	85.90%	4.323%
23	11.534	1443	1453	1476	rBV	4714185	9076097	53.47%	2.691%
24	12.145	1549	1557	1566	rBV	4189884	6623414	39.02%	1.964%
25	12.363	1587	1594	1601	rVB	123185	210096	1.24%	0.062%
26	12.493	1609	1616	1624	rVB	4287298	6743434	39.72%	1.999%
27	12.763	1655	1662	1673	rBV	2151528	3360160	19.79%	0.996%
28	13.204	1727	1737	1744	rBV	2524362	3743209	22.05%	1.110%
29	13.422	1763	1774	1784	rBV	6021991	9393865	55.34%	2.785%
30	13.751	1823	1830	1834	rBV	5568737	8146420	47.99%	2.415%
31	13.798	1834	1838	1845	rVB	5446588	7292672	42.96%	2.162%
32	13.916	1852	1858	1865	rBV	1780910	2428762	14.31%	0.720%
33	14.028	1869	1877	1890	rVV	6324035	9551016	56.26%	2.831%
34	14.251	1906	1915	1923	rBV	6193855	9514526	56.05%	2.821%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 1 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

35	14.339	1923	1930	1939	rVB2	3692563	5771490	34.00%	1.711%
36	14.457	1942	1950	1960	rBV	4315744	6402013	37.71%	1.898%
37	14.569	1960	1969	1984	rVB3	6227907	12542351	73.89%	3.718%
38	15.334	2092	2099	2104	rBV	8114123	11763523	69.30%	3.487%
39	15.386	2104	2108	2110	rVV	2780221	4096244	24.13%	1.214%
40	15.416	2110	2113	2117	rVV	3949715	5947811	35.04%	1.763%
41	15.475	2117	2123	2136	rVV3	6642423	12371020	72.88%	3.667%
42	15.575	2136	2140	2156	rVB	117068	208539	1.23%	0.062%
43	16.281	2253	2260	2270	rVB	9691888	13391928	78.89%	3.970%
44	17.086	2388	2397	2405	rBV2	4820183	7010413	41.30%	2.078%
45	17.186	2406	2414	2422	rVV	8780816	12845122	75.67%	3.808%
46	17.663	2490	2495	2501	rBV	778479	993252	5.85%	0.294%
47	18.104	2564	2570	2576	rVB	5423318	6852416	40.37%	2.031%
48	18.669	2660	2666	2671	rVB3	130935	203978	1.20%	0.060%
49	19.486	2798	2805	2814	rBV	11610544	15386215	90.64%	4.561%
50	20.580	2986	2991	2997	rVB	10556686	12541347	73.88%	3.718%
51	21.204	3092	3097	3104	rBV	6517259	7681820	45.25%	2.277%
52	21.286	3105	3111	3117	rVV	6531261	8412892	49.56%	2.494%
53	22.857	3375	3378	3387	rVB2	206961	302637	1.78%	0.090%
54	23.386	3459	3468	3483	rBV	8429769	16975476	100.00%	5.032%
55	23.521	3484	3491	3501	rVB	4488076	8499447	50.07%	2.520%
56	24.068	3579	3584	3591	rVB	314012	568244	3.35%	0.168%
57	24.810	3705	3710	3718	rVB	326015	716551	4.22%	0.212%

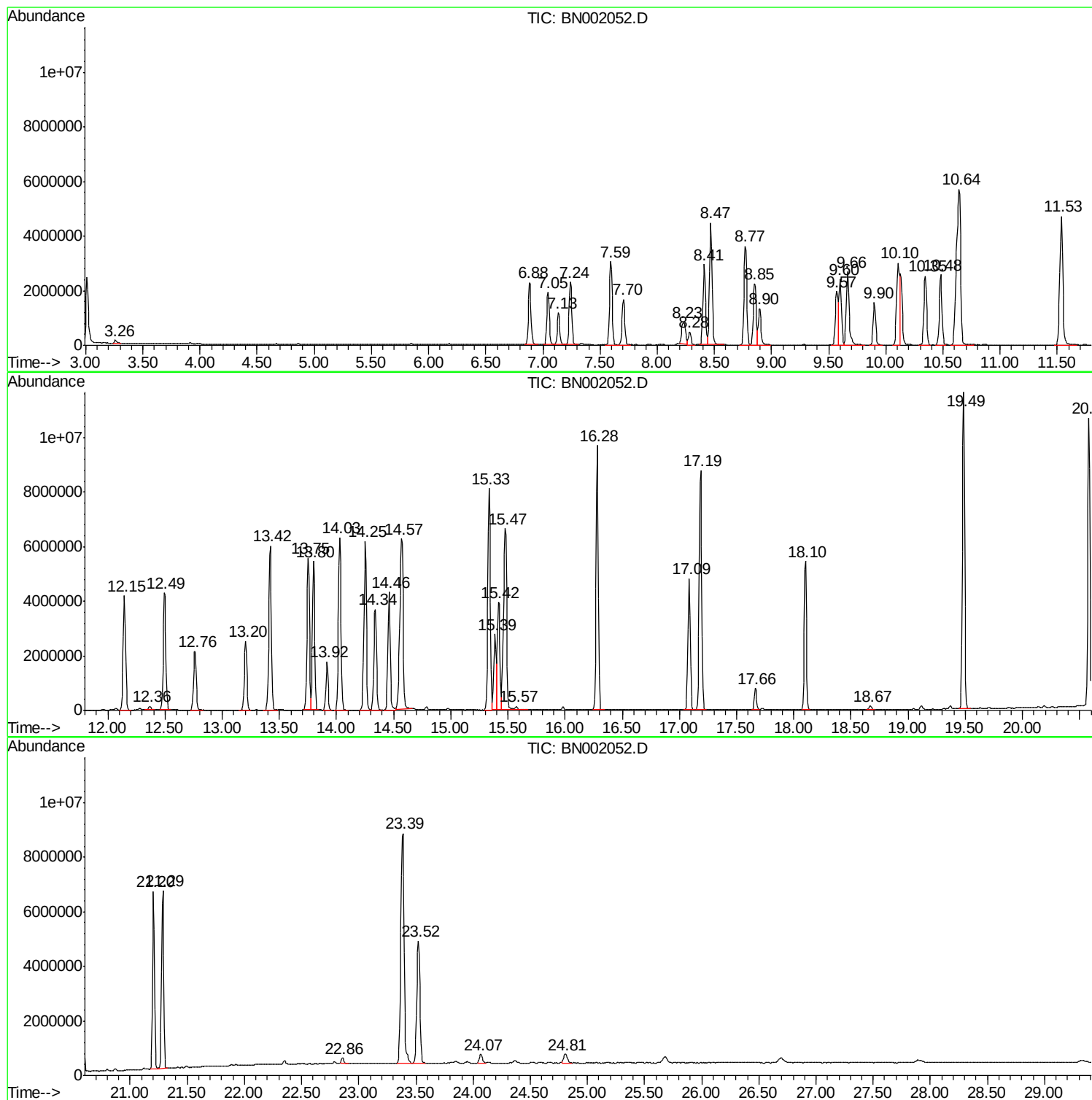
Sum of corrected areas: 337323798

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

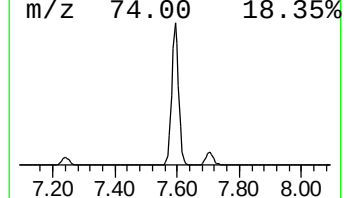
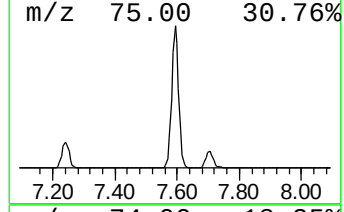
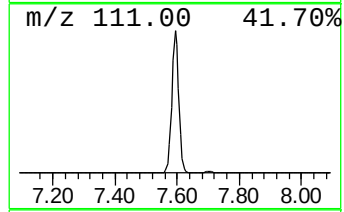
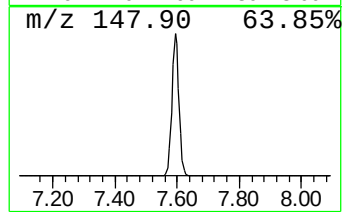
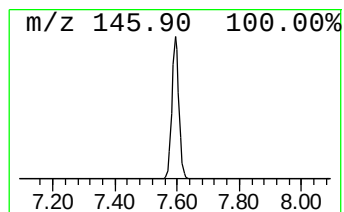
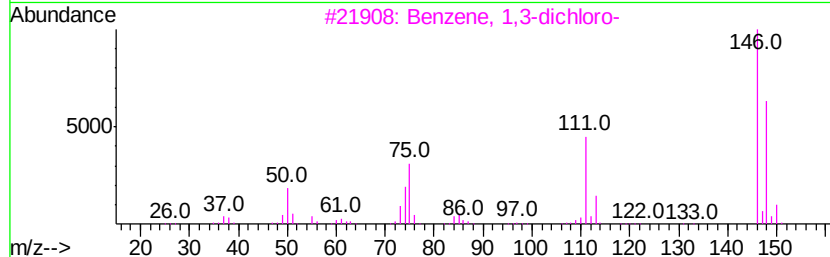
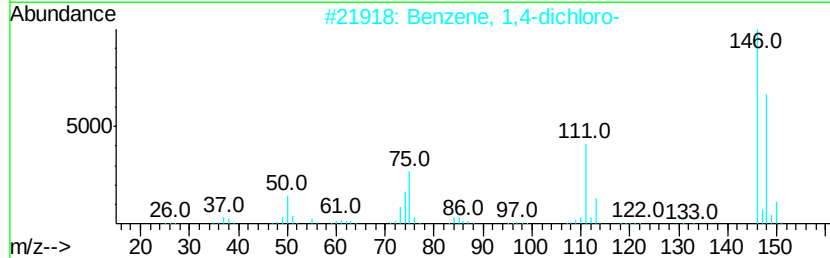
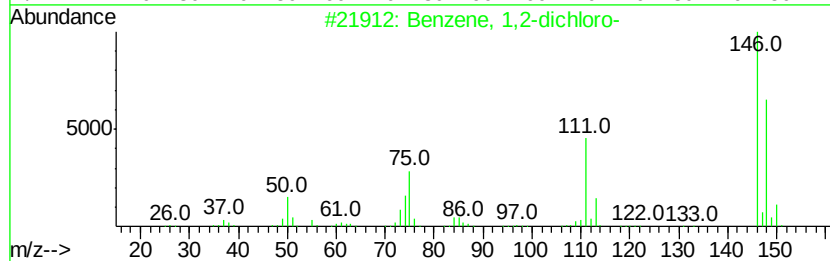
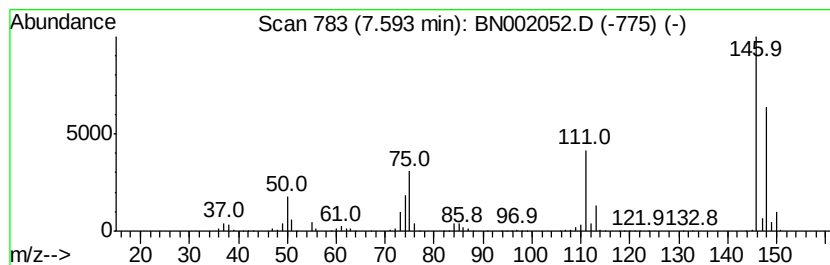
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,2-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	36.16 ng/ul	4808260	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

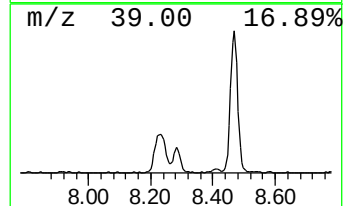
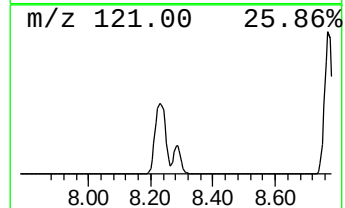
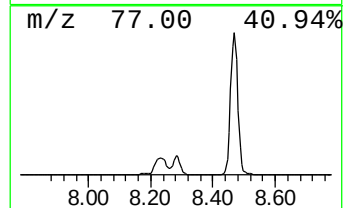
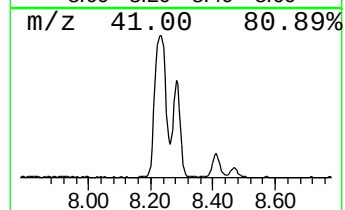
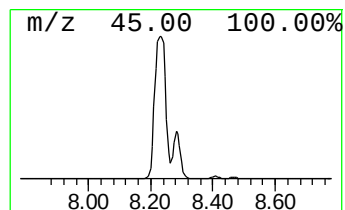
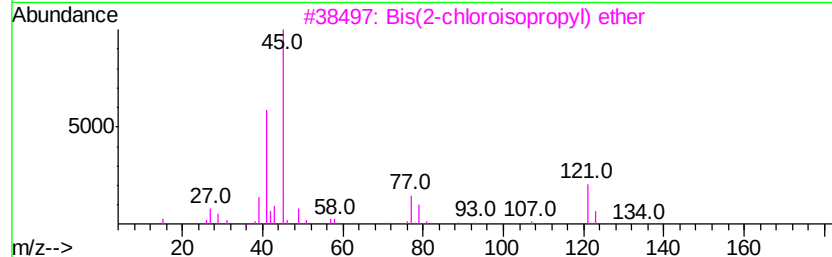
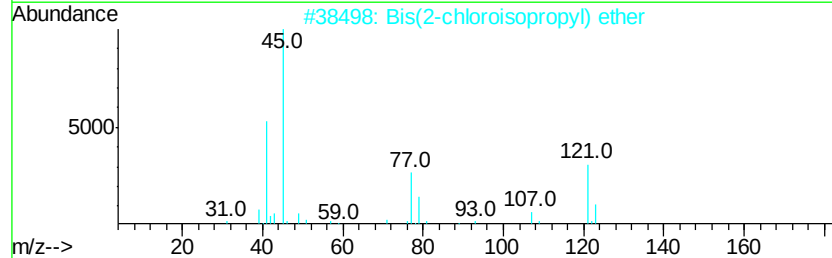
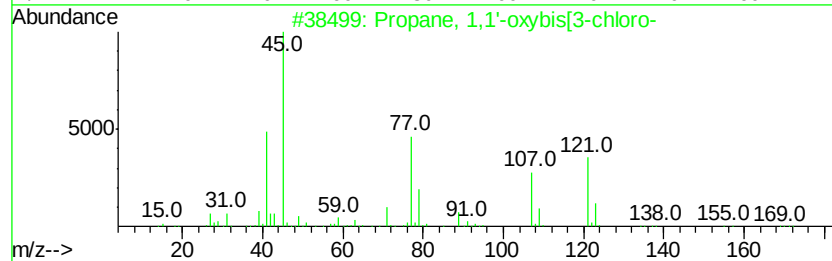
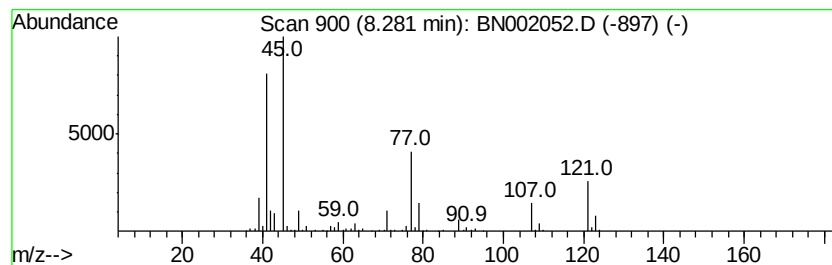
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1'-oxybis[3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	5.68 ng/ul	755343	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1'-oxybis[3-chloro-	170	C6H12Cl2O	000629-36-7	56
2			Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	53
3			Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	50
4			Bis(2-chloro-1-methylethyl) ether	170	C6H12Cl2O	000108-60-1	47
5			Methoxyacetyl chloride	108	C3H5ClO2	038870-89-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

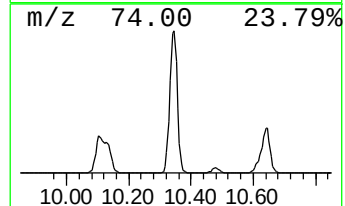
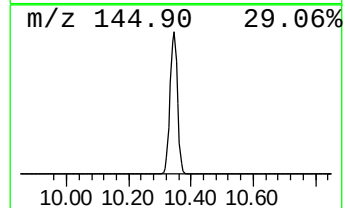
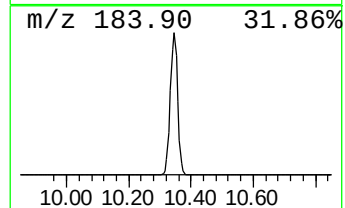
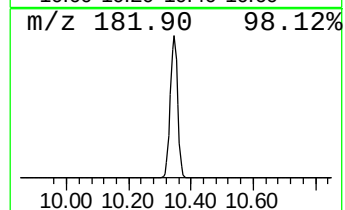
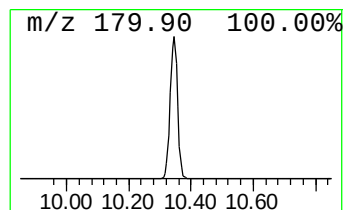
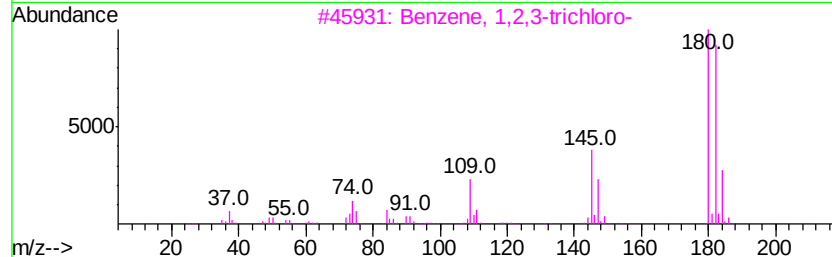
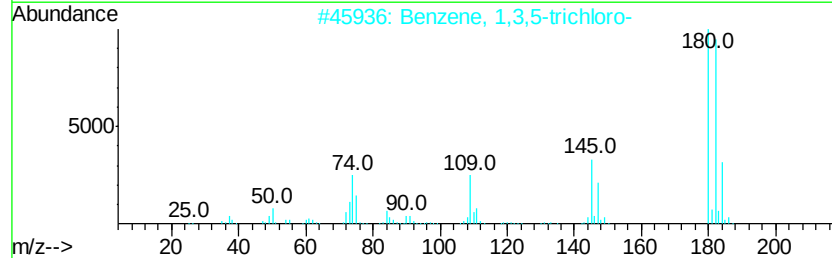
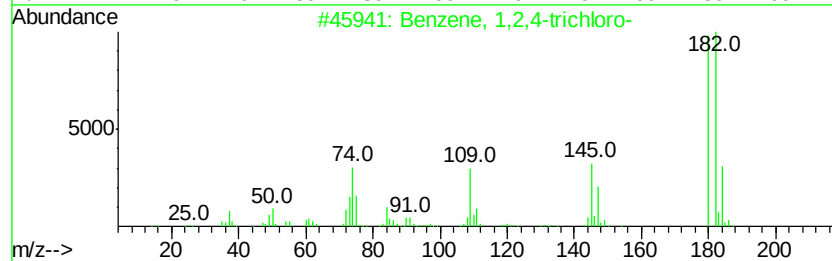
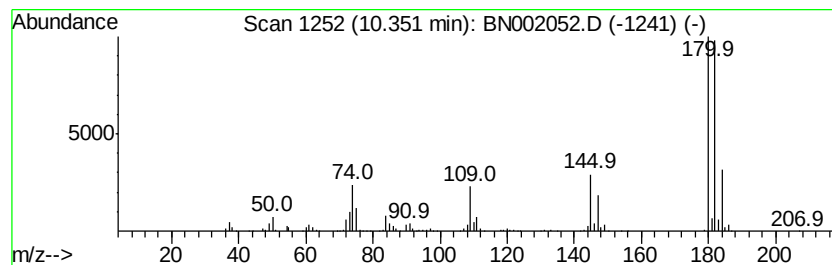
Instrument :
BNA_N
ClientSampleId :
DB1C1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	19.86 ng/ul	4202140	Napthalene-d8	10.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4-trichloro-	180 C6H3Cl3	000120-82-1 98
2		Benzene, 1,3,5-trichloro-	180 C6H3Cl3	000108-70-3 98
3		Benzene, 1,2,3-trichloro-	180 C6H3Cl3	000087-61-6 98
4		Benzene, 1,2,3-trichloro-	180 C6H3Cl3	000087-61-6 98
5		Benzene, 1,3,5-trichloro-	180 C6H3Cl3	000108-70-3 98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

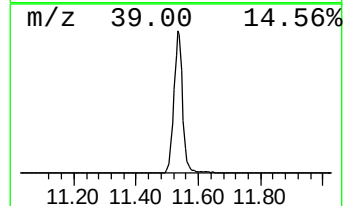
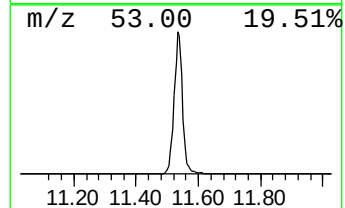
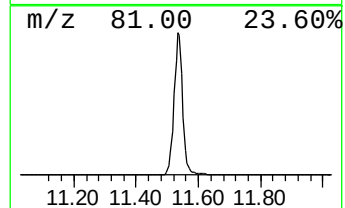
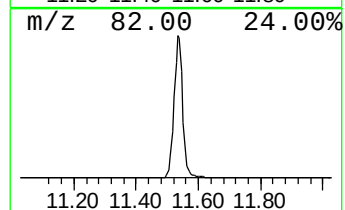
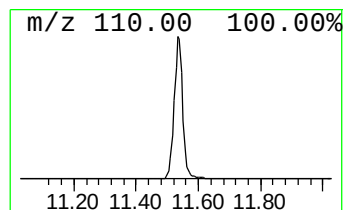
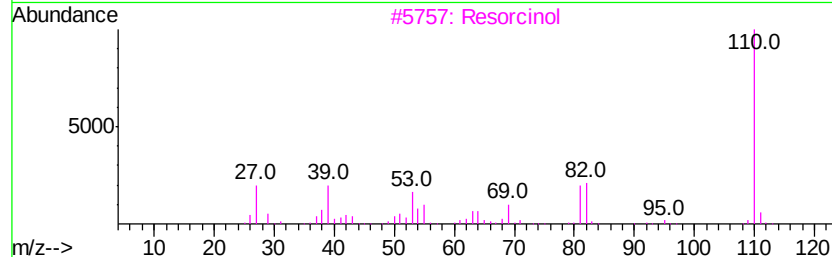
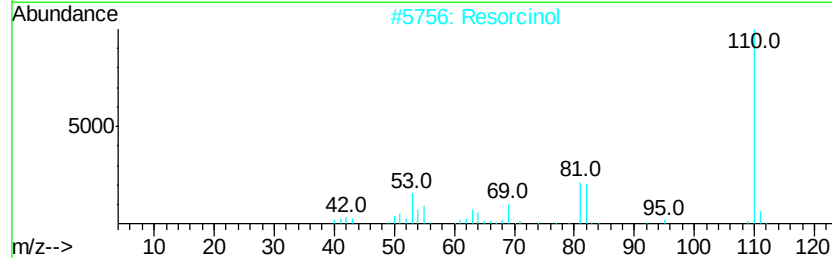
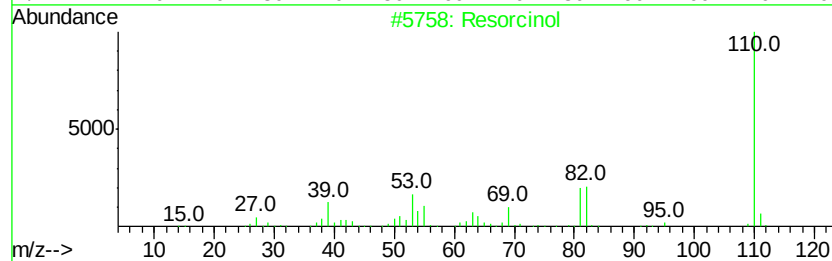
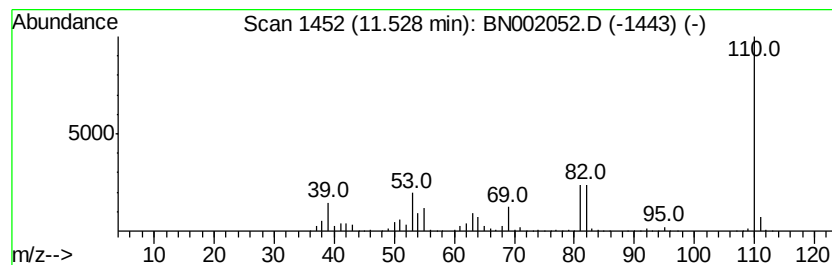
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Resorcinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	42.89 ng/ul	9076100	Napthalene-d8	10.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Resorcinol	110	C6H6O2	000108-46-3	97
2		Resorcinol	110	C6H6O2	000108-46-3	97
3		Resorcinol	110	C6H6O2	000108-46-3	94
4		Resorcinol	110	C6H6O2	000108-46-3	90
5		Hydroquinone	110	C6H6O2	000123-31-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

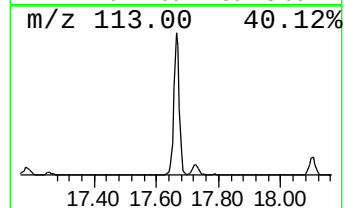
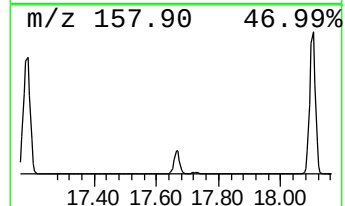
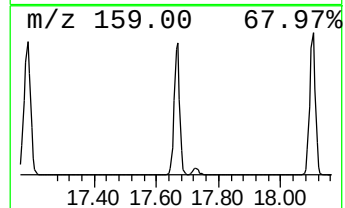
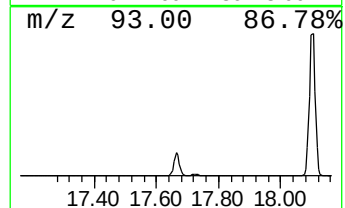
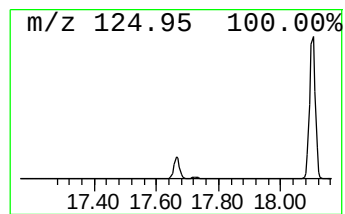
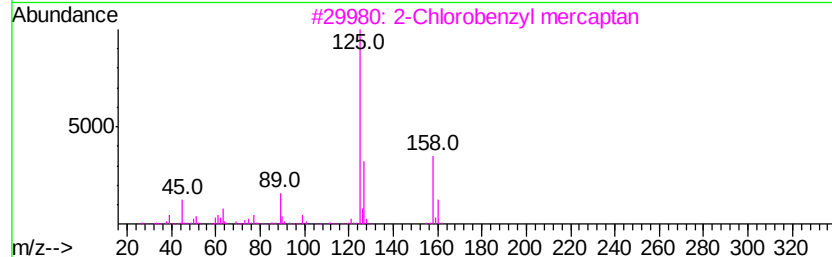
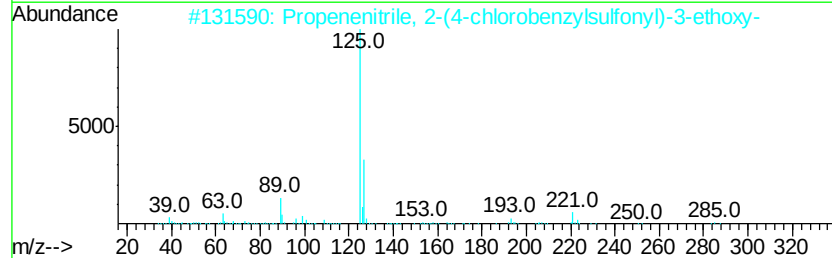
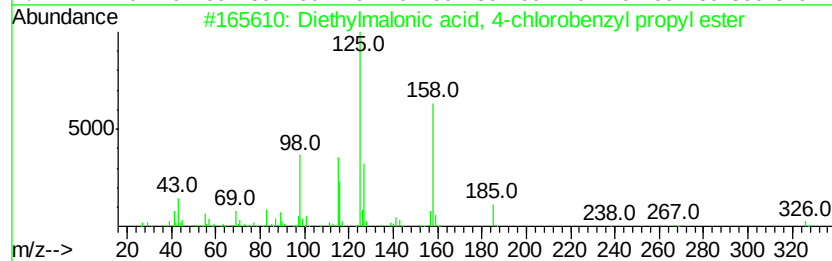
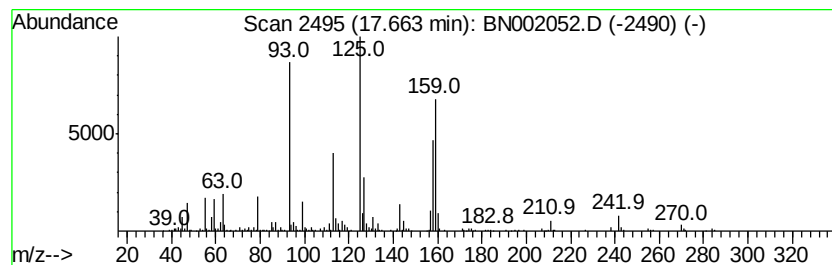
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.83 ng/ul	993252	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylmalonic acid, 4-chloroben...	326	C17H23ClO4	1000369-77-5	25
2		Propenenitrile, 2-(4-chlorobenzyl...)	285	C12H12ClN03S	1000263-36-1	18
3		2-Chlorobenzyl mercaptan	158	C7H7ClS	017733-22-1	16
4		Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	14
5		Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

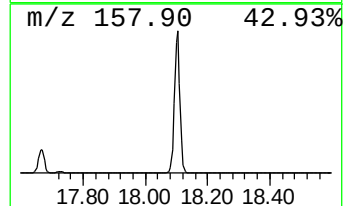
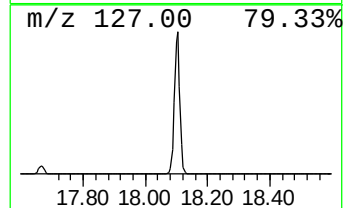
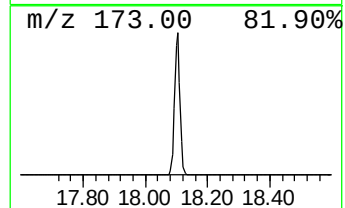
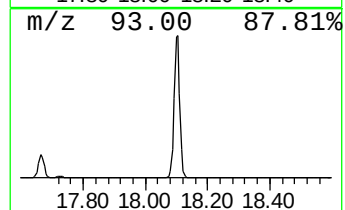
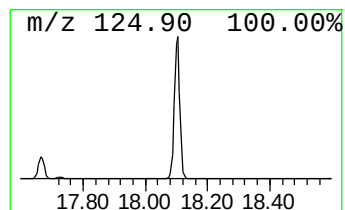
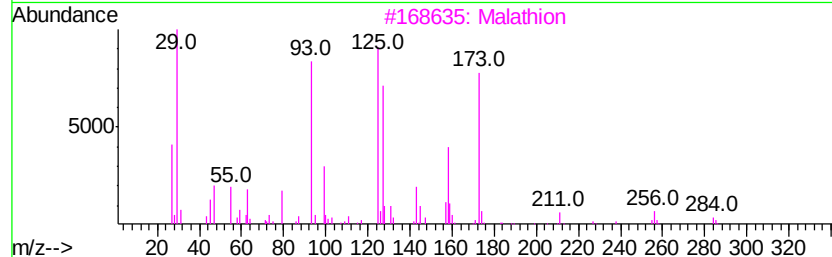
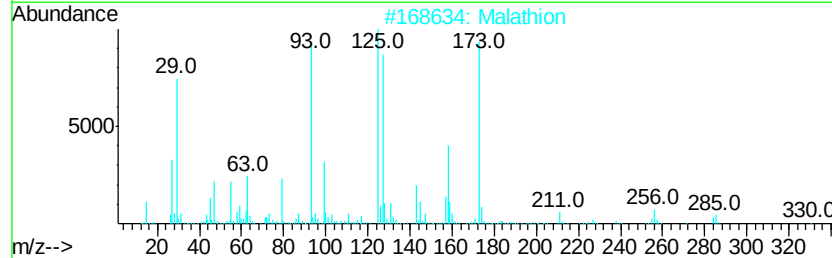
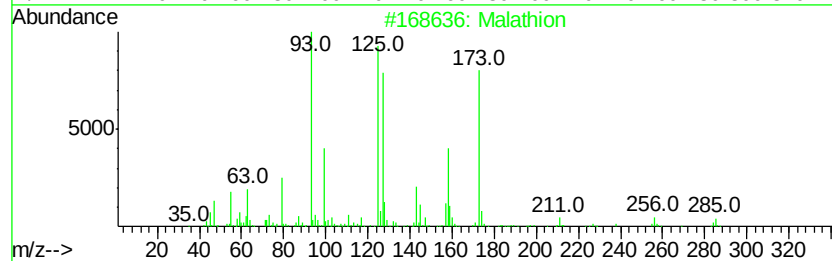
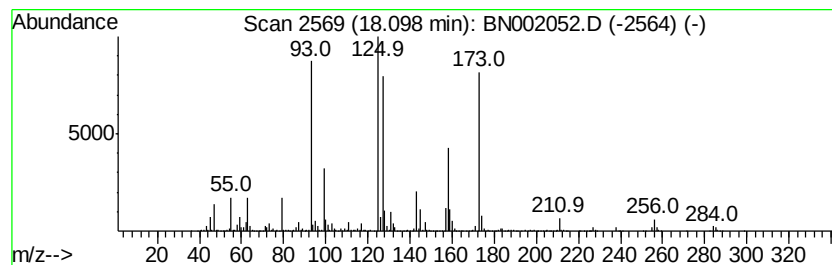
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Malathion Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	19.55 ng/ul	6852420	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Malathion	330	C10H19O6PS2	000121-75-5	94
2		Malathion	330	C10H19O6PS2	000121-75-5	91
3		Malathion	330	C10H19O6PS2	000121-75-5	91
4		Malathion	330	C10H19O6PS2	000121-75-5	62
5		Malathion	330	C10H19O6PS2	000121-75-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

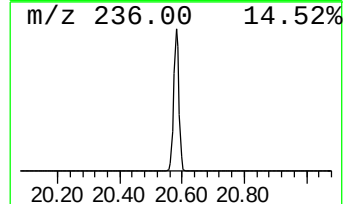
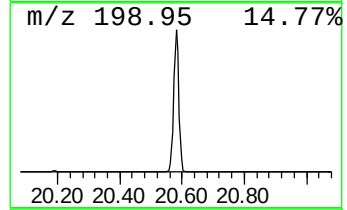
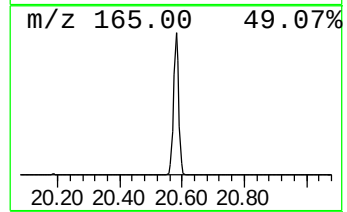
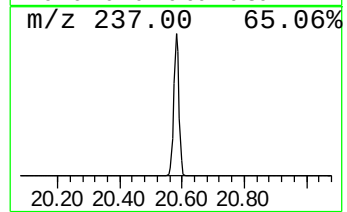
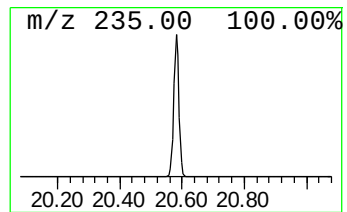
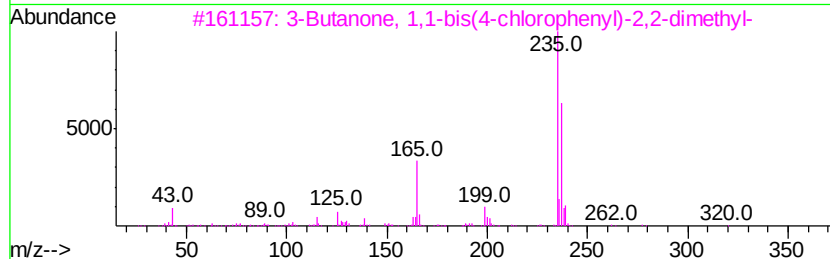
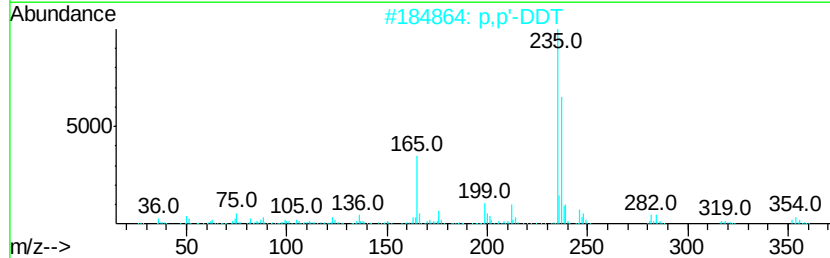
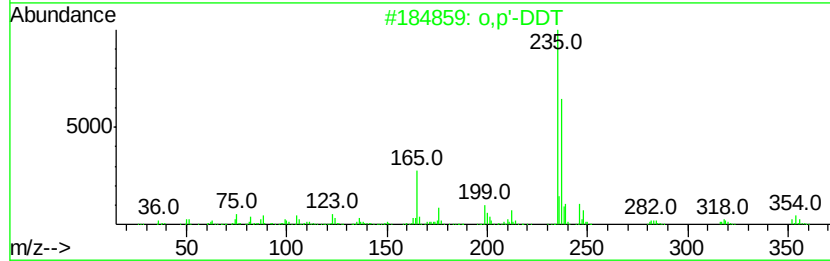
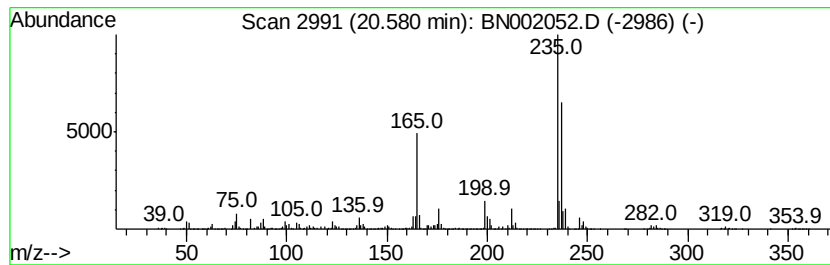
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 o,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	29.81 ng/ul	12541300	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o,p'-DDT	352	C14H9Cl5	000789-02-6	94
2		p,p'-DDT	352	C14H9Cl5	000050-29-3	93
3		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
4		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
5		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071618\
Data File : BN002052.D
Acq On : 16 Jul 2018 17:28
Operator : JU/SJ
Sample : J3986-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1C1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2-dich...	7.59	36.2	ng/ul	4808260	1	7.70	2659740	20.0
Propane, 1,1'-oxy...	8.28	5.7	ng/ul	755343	1	7.70	2659740	20.0
Benzene, 1,2,4-tr...	10.35	19.9	ng/ul	4202140	2	10.48	4232530	20.0
Resorcinol	11.53	42.9	ng/ul	9076100	2	10.48	4232530	20.0
unknown-01	17.66	2.8	ng/ul	993252	4	17.09	7010410	20.0
Malathion	18.10	19.6	ng/ul	6852420	4	17.09	7010410	20.0
o,p'-DDT	20.58	29.8	ng/ul	12541300	5	21.29	8412890	20.0